

PATENT ABSTRACTS OF JAPAN

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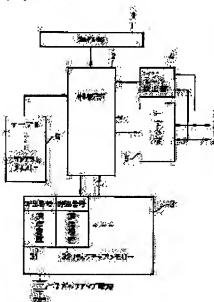
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(54) FACSIMILE EQUIPMENT

(57)Abstract:



**PROBLEM TO BE SOLVED:** To provide a facsimile equipment that has a simple and optimized re-transmission function.

**SOLUTION:** A backup memory 3 stores a call number of an opposite station when the user operates an operation section 1. A busy tone detection section 4 detects a busy tone on a communication line and informs a control section 2 of it. The control section 2 discriminates whether transmission is executed or the opposite station is busy and stores its recording to the backup memory 3. Number of times when the opposite station was busy is counted. In the case that number of times of busy states recorded in a communication history reaches a threshold number of times specified in advance as a result of the count, the control section 2 discriminates it that a specific opposite station is very frequently busy even when redialing is executed at a current interval of reading and revises the redialing interval.

[Detailed Description of the Invention]

[0001]

[Field of the Invention]

The present invention relates to a facsimile equipment, and more specifically to a facsimile equipment with a re-transmission function.

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[0011]

[Means for Solving the Problems]

The facsimile equipment according to the present invention is a facsimile equipment which repeats re-dialing up to a certain number when a destination is busy, characterized by including communication history storing means for storing call numbers of plural specific destinations while updating and storing a communication history; and re-dialing time interval controlling means for controlling a time interval of the re-dialing based on the previous communication history when transmission is made to the specific destination.

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[0020]

In facsimile communication, when busy tone is detected on a communication line due to occupation of a specific designated station, a control unit 2 reads a communication history of the specific designated station, and counts the number of times when the designated station was occupied when re-dialing. As the result of the count, when the number of occupation times (the number of redialing times) reaches the number of times of the predetermined threshold value, the control unit 2 judges that the specific designated station is most likely occupied, even if re-dialing is carried out at current re-dialing intervals, and changes (enlarges) the re-dialing interval.

[0023]

[Advantage of the Invention]

As mentioned above, the present invention has an advantage in preventing undelivery of a facsimile document by adjusting a time to execute re-transmission to match the utilization state of a specific opposite station (destination), while it stops communication if the opposite station is busy in communicating with or calling to another station and executes re-transmission (re-dialing) after a certain time passed in executing facsimile transmission to the specific opposite station.